

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS : Shinichi MIHARA, et al.  
SERIAL NO. : (Unassigned)  
FILED : (Herewith)  
FOR : ZOOM LENS AND ELECTRONIC IMAGING APPARATUS HAVING THE SAME  
GROUP ART UNIT : (Unassigned)  
Examiner : (Unassigned)

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97 & § 1.98**

SIR:

In conformance with Applicants' duty of disclosure under 37 C.F.R. § 1.56 and § 1.97(b)(1), the references listed on the attached form PTO-1449 are hereby brought to the Examiner's attention.

In accordance with the requirements of 37 C.F.R. § 1.98, copies of the references are submitted herewith.

It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear in the "references cited" on any patent to issue therefrom.

Respectfully submitted,



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Dated: 05 January 2004

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**FORM PTO-1449**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)**

Atty Docket No. : 12577/27  
Serial No. :  
Inventors : Shinichi MIHARA, et al.  
Filed : (Herewith)  
Group Art Unit :  
Examiner :

## U.S. PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Patent Number</u>	<u>Patent Date</u>	<u>Name</u>	<u>Class/Subclass</u>	<u>Filing Date</u>
	5,905,530	05/18/99	YOKOTA et al.	348/240	
	6,016,228	01/18/00	UZAWA	359/687	
	6,124,987	09/26/00	KAYANUMA et al.	359/692	
	6,185,048	02/06/01	ISHII et al.	359/687	
	6,308,011	10/23/01	WACHI et al.	396/72	
	6,331,917	12/18/01	ISHII et al.	359/687	
	2002/0057502	05/16/02	ISHII et al.	359/687	

## FOREIGN PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Date</u>	<u>Country</u>	<u>Class/Subclass</u>	<u>Translation</u>
					Yes No
	11-160739	06/18/99	Japan		X
	09-211287	08/15/97	Japan		X
	10-020191	01/23/98	Japan		X
	11-194274	07/21/99	Japan		X
	08-248318	09/27/96	Japan		X
	2000-131610	05/12/00	Japan		X
	2000-187159	07/04/00	Japan		X
	2000-187160	07/04/00	Japan		X
	2002-169088	06/14/02	Japan		X

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner  
Initial

**EXAMINER**

**DATE CONSIDERED**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.